

This teaching module provides the following elements, which are useful for achieving **EAEVE Day One Competences**

**1.19 Develop appropriate treatment plans and administer treatment in the interest of the animal under their care with regard to the resources available and to appropriate public health and environmental considerations.**

The student knows the principles of PK/PD to be followed for the rational use of veterinary medicines

The student has adequate knowledge about antimicrobials resistance and guidelines for prudent use of antibiotics in animal practice

The student knows first line antibiotics for specific infectious pathologies (urinary tract infections, respiratory diseases, gastrointestinal diseases, skin, eye)

**1.26 Access the appropriate sources of data on information and legislation relating to animal care and welfare, animal movement, notifiable and reportable diseases, use of medicines, including responsible use of antimicrobials.**

The student is aware of the main reference services at national and international level for veterinary drugs and residues

The student knows the main sources of national and international legislation related to veterinary drugs (pharmacovigilance)

The student has adequate knowledge about antimicrobials resistance and guidelines for prudent use of antibiotics in animal practice

**1.27 Prescribe and dispense medicines correctly and responsibly in accordance with legislation and latest guidance.**

The student calculates a drug dosage for a patient

The student shows knowledge concerning label and off-label drug use and prescription

The student is able to complete a drug prescription through the electronic prescription system

The student knows how to prescribe the different analgesics, opioids and psychotropic drugs

**1.28 Report suspected adverse reactions through the appropriate channel.**

The student is able to download the report form from the appropriate website and to fill up a pharmacovigilance report